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Elaine A. Willig
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Reed, Thomas D. Examiner: Karen Cochrane Carlson
Serial No: 10/724,532 Group Art Unit: 1653
Filed: 29 Nov 2003
Title: SIGNAL FOR TARGETING MOLECULES TO THE SARCO(ENDO)PLASMIC RETICULUM

AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated July 29, 2005, please enter the following amendments and consider the accompanying remarks.

Amendments to the Specification are begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begin on page 4. of this paper.

Remarks/Arguments begin on page 7 of this paper.

An **Appendix** including a revised Sequence Listing (2 pages) and a computer readable form diskette.